Pharmaceutical Chemistry

Important questions

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1) Describe various sources of impurity.

2) Write the principle involved in Limit test for Arsenic.

3) Write the principle involved in limit test for chloride / Sulphate.

4) Write a note on complexometric titration.

5) Explain Gravimetric analysis.

6) What is medicinal gases. Explain briefly

7) Define and classify antacids. Discuss why the combination of antacids is populare.

8) Define hematinics, discuss the role of ferrous fumerate as an ideal compound.

9) Define and classify Antibiotics, Anti-hypertensive, Anti-depressant, NSAIDS.

10) Write chemical name, structure and uses of Cyclophosphamide, fluorouracil, Acyclovir, Amoxicillin, Sulfacetamide, Chloroquine, INH, Ibuprofen, Paracetamol, metformin, ofloxacin.

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11) Define and classify antimicrobial agent and explain mechanism of action. Note on boric acid.

12) Write classification and definition of Anticonvulsant, Diuretics, Antineoplastic, Antiadrenergic.

13) Define and describe the types of error.

14) Write chemical structure, name, storage, user of Propranolol, Dopamine, Atropine, Furosemide, ACh, Amitriptyline, Phenytoin, Diazepam, Phenobarbital, Chlorpromazine, Gabapentin, Risperidone.

15) Distinguish between i) Accuracy & Precision
ii) Determinate error & Indeterminate error
iii) Acid-base titration & Non-aqueous titration

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